INDEX

Acheson, R. M.: Etiology of coronary heart disease, 143.

Adrenal cortex in cardiac edema, 402

Amino acids and lipids in tinea versicolor, 206

Ammonia, determinations in blood, 171

Amulets, obstetrical, use of precious stones, 390

Anderson, C. B. and Gray, F. D., Jr.: The circulatory and ventilatory effects of normovolemic polycythemia, 233

Andriole, V. T. and Hasenclever, H. F.: Factors influencing experimental candidiasis in mice. I. Alloxan diabetes, 96

Angiotensin in cardiac edema, 402

Anomalies, congenital, and autosomal chromosome abnormalities, 189

Anticoagulants (see Blood ammonia)

Artenstein, M. S. (see Madoff, M. A.)

Artenstein, M. S., Madoff, M. A., and Weinstein, L.: Studies of the biologic activity of purified staphylococcal alpha-toxin: I. The effect of alpha-toxin on cells in tissue culture, 373

Ashburn, A. D., Williams, W. L., and Cobb, F.R.: Cardiovascular, hepatic and renal lesions in mice receiving cortisone, estrone, and progesterone, 329

Atkins, E. and Freedman, L. R.: Studies in staphylococcal fever: I. Responses to bacterial cells, 451

Atkins, E.: Studies in staphylococcal fever: II. Response to culture filtrates, 472
III. Tolerance to culture filtrates, 489

Atomicity, history of as a basis of curative medicine, 241

Bile duct obstruction and liver infection, in animals, 301
susceptibility in man, 318

Bioelectricity, 545

Blood ammonia, effect of anticoagulants on its determination, 171

Brain, sulfomucopolysaccharides in, 248

Brandt, I. K. (see Gryboski, J. D.)

Brandt, I. K.: (see Koenig, E. U)

Burget, D E., Jr. and Greene, N. M.: Dextro propoxyphene and the ventilatory response to carbon dioxide in man, 185

Burke, R. C.: Investigations in tinea versicolor: lipid and amino acid studies, 206

Cancer, gastric, likelihood of development with low blood pepsin levels, 353

Candidiasis, experimental in mice, 96

Cardiac edema, role of adrenal cortex and kidney, 402

Cardiopulmonary by-pass, hemodynamic observations, 278

Cardiovascular lesions after hormones, in mice, 329

Chalcedony and childbirth, 390

Cholecystitis and bacterial infection, 318

Cholesterol, effect of raised serum cholesterol on heart disease in man, 143
levels compared between Hiroshima and Framingham populations, 504

Cholesterol-rich diet, effect on coronary arteries of dogs, 113

Chromosomal abnormalities and congenital anomalies, 189

Cirrhosis, biliary and bacterial infection, 318

Cobb, F. R. (see Ashburn, A. D.)

Cohn, Z. A.: Determinants of infection in the peritoneal cavity: I. Response to and fate of *Staphylococcus aureus* and *Staphylococcus albus* in the mouse, 12
II. Factors influencing fate of *S. aureus* in the mouse, 29
III. Action of selected inhibitors on fate of *S. aureus* in the mouse, 48

Conn, H. O. and Klatskin, G.: Criteria for identification of homogeneous electrophoretic peaks in multiple myeloma, 84

Conn, H. O.: Studies on the origin and significance of blood ammonia: effects of various anticoagulants on the blood ammonia determination, 171

Coronary arteries, effect upon of cholesterol-rich diet, in dogs, 113

Cortisone (see Hormones)

Darvon® (dextro propoxyphene) and respiration in man, 185

Davis, J. O.: The role of the adrenal cortex and the kidney in the pathogenesis of cardiac edema, 402

de los Santos, M., Thayer, W. R., Jr., and Spiro, H. M.: Blood pepsin determinations in gastritis, 353

Dextro propoxyphene, effect on respiration in man, 185

Diabetes, alloxan, influence on experimental candidiasis in mice, 96

Downey, T. W.: Polioviruses and flies: studies on the epidemiology of enteroviruses in an urban area, 341

Downing, S. E.: Hemodynamic observations on partial cardiopulmonary by-pass in the intact dog: responses during acute supravalvular mitral stenosis, 278

Ehrlich ascites carcinoma cells, effect of staphylococcal alpha-toxin on, 382

Electric currents, membranes, biological sources of electromotive force, 545

Electromotive force, currents, membranes, biological sources, 545

Electrophoretic patterns, identification of abnormal peaks in multiple myeloma, 84

Endotoxin, bacterial, effect on *S. aureus,* 29
in staphylococcal fever, 451

Enteroviruses, in flies, 341

Environmental health, progress over 70 years, 133

Estrone (see Hormones)

Fever, staphylococcal, 451

Flies, presence in of poliovirus in epidemics, 341

Forbes, T. R.: Chalcedony and childbirth: precious and semi-precious stones as obstetrical amulets, 390

INDEX

Acheson, R. M.: Etiology of coronary heart disease, 143.

Adrenal cortex in cardiac edema, 402

Amino acids and lipids in tinea versicolor, 206

Ammonia, determinations in blood, 171

Amulets, obstetrical, use of precious stones, 390

Anderson, C. B. and Gray, F. D., Jr.: The circulatory and ventilatory effects of normovolemic polycythemia, 233

Andriole, V. T. and Hasenclever, H. F.: Factors influencing experimental candidiasis in mice. I. Alloxan diabetes, 96

Angiotensin in cardiac edema, 402

Anomalies, congenital, and autosomal chromosome abnormalities, 189

Anticoagulants (see Blood ammonia)

Artenstein, M. S. (see Madoff, M. A.)

Artenstein, M. S., Madoff, M. A., and Weinstein, L.: Studies of the biologic activity of purified staphylococcal alpha-toxin: I. The effect of alpha-toxin on cells in tissue culture, 373

Ashburn, A. D., Williams, W. L., and Cobb, F.R.: Cardiovascular, hepatic and renal lesions in mice receiving cortisone, estrone, and progesterone, 329

Atkins, E. and Freedman, L. R.: Studies in staphylococcal fever: I. Responses to bacterial cells, 451

Atkins, E.: Studies in staphylococcal fever: II. Response to culture filtrates, 472
III. Tolerance to culture filtrates, 489

Atomicity, history of as a basis of curative medicine, 241

Bile duct obstruction and liver infection, in animals, 301
susceptibility in man, 318

Bioelectricity, 545

Blood ammonia, effect of anticoagulants on its determination, 171

Brain, sulfomucopolysaccharides in, 248

Brandt, I. K. (see Gryboski, J. D.)

Brandt, I. K.: (see Koenig, E. U)

Burget, D E., Jr. and Greene, N. M.: Dextro propoxyphene and the ventilatory response to carbon dioxide in man, 185

Burke, R. C.: Investigations in tinea versicolor: lipid and amino acid studies, 206

Cancer, gastric, likelihood of development with low blood pepsin levels, 353

Candidiasis, experimental in mice, 96

Cardiac edema, role of adrenal cortex and kidney, 402

Cardiopulmonary by-pass, hemodynamic observations, 278

Cardiovascular lesions after hormones, in mice, 329

Chalcedony and childbirth, 390

Cholecystitis and bacterial infection, 318

Cholesterol, effect of raised serum cholesterol on heart disease in man, 143
levels compared between Hiroshima and Framingham populations, 504

Cholesterol-rich diet, effect on coronary arteries of dogs, 113

Chromosomal abnormalities and congenital anomalies, 189

Cirrhosis, biliary and bacterial infection, 318

Cobb, F. R. (see Ashburn, A. D.)

Cohn, Z. A.: Determinants of infection in the peritoneal cavity: I. Response to and fate of *Staphylococcus aureus* and *Staphylococcus albus* in the mouse, 12
II. Factors influencing fate of *S. aureus* in the mouse, 29
III. Action of selected inhibitors on fate of *S. aureus* in the mouse, 48

Conn, H. O. and Klatskin, G.: Criteria for identification of homogeneous electrophoretic peaks in multiple myeloma, 84

Conn, H. O.: Studies on the origin and significance of blood ammonia: effects of various anticoagulants on the blood ammonia determination, 171

Coronary arteries, effect upon of cholesterol-rich diet, in dogs, 113

Cortisone (see Hormones)

Darvon® (dextro propoxyphene) and respiration in man, 185

Davis, J. O.: The role of the adrenal cortex and the kidney in the pathogenesis of cardiac edema, 402

de los Santos, M., Thayer, W. R., Jr., and Spiro, H. M.: Blood pepsin determinations in gastritis, 353

Dextro propoxyphene, effect on respiration in man, 185

Diabetes, alloxan, influence on experimental candidiasis in mice, 96

Downey, T. W.: Polioviruses and flies: studies on the epidemiology of enteroviruses in an urban area, 341

Downing, S. E.: Hemodynamic observations on partial cardiopulmonary by-pass in the intact dog: responses during acute supravalvular mitral stenosis, 278

Ehrlich ascites carcinoma cells, effect of staphylococcal alpha-toxin on, 382

Electric currents, membranes, biological sources of electromotive force, 545

Electromotive force, currents, membranes, biological sources, 545

Electrophoretic patterns, identification of abnormal peaks in multiple myeloma, 84

Endotoxin, bacterial, effect on *S. aureus,* 29
in staphylococcal fever, 451

Enteroviruses, in flies, 341

Environmental health, progress over 70 years, 133

Estrone (see Hormones)

Fever, staphylococcal, 451

Flies, presence in of poliovirus in epidemics, 341

Forbes, T. R.: Chalcedony and childbirth: precious and semi-precious stones as obstetrical amulets, 390

Freedman, L. R. (see Atkins, E.)
Freedman, L. R.: Effect of common bile duct obstruction on susceptibility of liver to bacterial infection, 301
Freedman, L. R. and Goldenberg, I. S.: Relationship between bacterial infection of hepato-biliary system and common bile duct obstruction in man, 318

Gastritis, blood pepsin levels in, 353
Glucocorticoid therapy, prolonged, in childhood nephrosis, 258
Goldenberg, I. S. (see Freedman, L. R.)
Gray, F. D., Jr. (see Anderson, C. B.)
Green, J. P. (see Robinson, J. D., Jr.)
Greene, N. M. (see Burget, D. E., Jr.)
Greene, N. M. and Willenkin, R. L.: Skeletal muscle oxygen tension and metabolism during hemorrhagic hypotension, and subsequent vasopressor administration, 429
Gryboski, J. D. and Brandt, I. K.: The nephrotic syndrome in childhood: prolonged glucocorticoid therapy, 258

Hasenclever, H. F. (see Andriole, V. T.)
Heart disease, angiotensin in cardiac edema, 402
adrenal cortex and kidney in cardiac edema, 402
cardiopulmonary by-pass, 278
cardiovascular lesions after hormones, in mice, 329
cholesterol, effect when raised, 113, 143, 504
epidemiological review, 143
epidemiological study, comparing Hiroshima and Framingham, 504
etiology of, 143
in middle-aged and in old men, 143
pathogenesis of vascular disease, 113
Heart-lung by-pass, partial, 278
Hormones, angiotensin in cardiac edema, 402
cardiovascular and hepatic lesions after large doses of cortisone, estrone and progesterone in mice, 329
cortisone, effect of on *S. aureus*, 29
glucocorticoid therapy in nephrosis, 258
Hsiung, G. D., Isacson, P., and Tucker, G.: Studies of parainfluenza viruses: II. Serologic interrelationships in humans, 534
Hsiung, G. D. (see von Euler, L.)

Infection
Staphylococcus aureus and *albus*, 12, 29, 48
candidiasis, 96
liver infection and common bile duct obstruction, 301, 318
polioviruses and flies, 341
staphylococcal alpha-toxin, 373, 382
staphylococcal fever, 451, 472, 489
viruses, parainfluenza, 523, 534
Isacson, P. (see Hsiung, G. D.)

Kantor, F. S. (see von Euler, L.)
Kidney, in cardiac edema, 402
nephrosis in childhood, 258
renal lesions after hormones in mice, 329
Kilgour, F. G.: History of the idea of atomicity as a basis of curative medicine, 241
Klatskin, G. (see Conn, H. O.)
Koenig, E. U., Lubs, H. A., and Brandt, I. K.: The relationship between congenital anomalies and autosomal chromosome abnormalities, 189

Lewis, Sir Aubrey: Ebb and flow in social psychiatry, 62
Lipids and amino acids, studied in tinea versicolor, 206
Liver, hepatic lesions after hormones, 329
infection after bile duct obstruction in animals, 301
in man, 318
Lubs, H. A. (see Koenig, E. U.)

Madoff, M. A. (see Artenstein, M. S.)
Madoff, M. A., Artenstein, M. S., and Weinstein, L.: Studies of the biologic activity of purified staphylococcal alpha-toxin: II. The effect of alpha-toxin on Ehrlich ascites carcinoma cells, 382
Medical education, future of, 1
Medical sciences, basic, and revolution in biology, 1
Mephentermine (see Vasopressors)
Methoxamine (see Vasopressors)
Mitral stenosis, acute supravalvular, 278
Myeloma, multiple, identification of by electrophoretic patterns, 84

Nephrosis in childhood and glucocorticoid therapy, 258
Nims, L. F.: Electric currents, membranes, and biological sources of electromotive force, 545

Obstruction, bile duct and liver infection, 301, 318

Parainfluenza viruses, clinical, pathological, virological observations, 523
serologic interrelationships in humans, 534
Pepsin, blood, determinations in gastritis, 353
Polioviruses in fly collections, 341
Polycythemia, normovolemic, circulatory and ventilatory effects of, 233
Progesterone (see Hormones)
Pyrogen, endogenous, 451
Psychiatry, social, history of over past 50 years, 62

Renal lesions after hormones in mice, 329
Respiration, effect upon by dextro propoxyphene, 185
Robinson, J. D., Jr. and Green, J. P.: Sulfomucopolysaccharides in brain, 248

Shock, hemorrhagic, and metabolic changes, 429
Spiro, H. M. (see de los Santos, M.)
Staphylococcal alpha-toxin, effect on cells in culture, 373
effect on Ehrlich ascites carcinoma cells, 382